

WHAT IS CLAIMED IS:

1. A firm, flexible gel for non-human animals, the gel comprising by weight percent based upon the weight of the gel:
 - A. between about 0.3 and about 18 percent of a gelling agent;
 - B. at least about 5 percent of a neutral detergent added-fiber measured at 75 percent moisture content; and
 - C. water.
2. The gel of Claim 1 in which the source of the neutral detergent added-fiber is at least one of corn cobs, soy hulls, powdered cellulose, aspen chips, wood chips, and beet pulp.
3. The gel of Claim 1 in which the source of the neutral detergent added-fiber includes primate browse biscuits.
4. The gel of Claim 1 in which the gel further comprises a palatability agent.
5. The gel of Claim 4 in which the palatability agent is at least one of banana, honey, artificial flavor and artificial sweetener.
6. The gel of Claim 5 in which the palatability agent comprises at least about 0.1 percent of the gel.
7. The gel of Claim 1 in which the gelling agent is at least one of a gelatin and a gum.

8. The gel of Claim 7 in which the gelling agent is at least one gum selected from the group consisting of alginate, arabic gum, agar, carboxymethyl cellulose, carrageenan, gelatin, kauri, locust bean, tragacanth and xanthan.

9. The gel of Claim 1 in which the gel further comprises at least one of protein, oil, fat, vitamin, mineral and antioxidant.

10. A feed gel for non-human primates, the gel comprising by weight percent based upon the weight of the gel:

- A. between about 0.3 and about 18 percent of at least one gelling agent;
- B. at least about 5 of a neutral detergent added-fiber measured at 75 percent moisture content;
- C. between about 0.1 and about 10 percent of a palatability agent; and
- D. water.

11. A method of preparing a firm, flexible feed gel for non-human primates, the gel comprising by weight percent based upon the weight of the gel:

- A. between about 0.3 and about 18 percent of a gelling agent;
- B. at least about 5 of a neutral detergent added-fiber measured at 75 percent moisture content; and
- C. water;

the method comprising:

providing a gelling agent, a source of the neutral detergent added-fiber, and water;

blending the gelling agent and the neutral detergent added-fiber to form a mixture;

combining the water and the mixture to form a homogeneous mass;

transferring the homogeneous mass into a mold; and

cooling the homogeneous mass to form the firm, flexible feed gel.

12. The method of Claim 11 in which the method further comprises grinding the source of the neutral detergent added-fiber.

13. The method of Claim 11 in which the method further comprises providing at least one of protein, oil, fat, vitamin, mineral and antioxidant for inclusion into the homogeneous mass.

14. The method of Claim 11 in which the mold comprises a plurality of individual cardboard boxes, each box lined with a plastic bag.

15. The method of Claim 11 further comprising heating the water to a temperature of about 180 F and sustaining the temperature for approximately 2 minutes.

16. The method of Claim 11 further comprising heating the homogeneous mass to a temperature to about 185 F and sustaining the temperature for approximately 10 minutes.

17. The method of Claim 11 further comprising providing a preservative for inclusion into the homogeneous mass.

18. The method of Claim 11 further comprising dehydrating the gel into a powder.

19. The method of Claim 18 further comprising rehydrating the powder into the gel.

20. A firm, flexible feed gel comprising at least about 15 weight percent, based on the weight of the gel, neutral detergent fiber, the gel for non-human animal consumption and comprising by weight percent based upon the weight of the gel:

- A. between about 0.3 and about 18 percent of a gelling agent;
- B. at least about 5 percent of a neutral detergent added-fiber measured at 75 percent moisture content; and
- C. water.

21. A method of providing a non-human animal with a high neutral detergent fiber containing food, the method comprising feeding to the animal a firm, flexible feed gel comprising:

- A. between about 0.3 and about 18 percent of a gelling agent;
- B. at least about 5 percent of a neutral detergent added-fiber measured at 75 percent moisture content; and
- C. water.

22. The method of Claim 21 in which the animal is a great ape.

22. The method of Claim 21 in which the animal is a great ape.